1. IDENTIFICATION

Product Identifier

Product Name
Slide Resin Remover Aerosol

Other means of identification

SDS # 41914C-DME

Product Code 41914C-DME

Synonyms Cyclic amide and lactone blend

"The Stripper"

UN/ID No UN1950

Recommended use of the chemical and restrictions on use

Recommended Use Industrial mold cleaner

Uses Advised Against Use only as directed

Details of the supplier of the safety data sheet

Initial Supplier Address DME Moulding Supplies
6210 Northwest Drive
Mississauga, Ontario L4V 1J6
905-677-6370

Manufacturer Address Slide Products Inc.
430 S. Wheeling Road
Wheeling, IL 60090

Emergency Telephone Number

Initial supplier phone number Please enter Initial Suppliers Phone Number here
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Pale straw colored liquid
Physical state Aerosol.
Odour Fishy

Classification

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Inhalation (Vapours)</td>
<td>Category 4</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Category 1B</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Category 3</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Category 2</td>
</tr>
<tr>
<td>Flammable Aerosols</td>
<td>Category 2</td>
</tr>
<tr>
<td>Gases under pressure</td>
<td>Compressed Gas</td>
</tr>
</tbody>
</table>

Label Elements

Signal word Danger
Hazard statements
Harmful if inhaled
Causes skin irritation
Causes serious eye irritation
May damage fertility or the unborn child
May cause respiratory irritation. May cause drowsiness or dizziness
May cause damage to organs through prolonged or repeated exposure
Flammable Aerosol
Contains gas under pressure; may explode if heated

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling
Do not breathe dust/fume/gas/mist/vapours/spray
Avoid release to the environment

Precautionary Statements - Response
If exposed or concerned: Get medical advice/attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
Take off contaminated clothing and wash it before reuse
If skin irritation occurs: Get medical advice/attention
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/physician

Precautionary Statements - Storage
Store locked up
Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Other Information
Harmful to aquatic life with long lasting effects
3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Synonyms
Cyclic amide and lactone blend
"The Stripper".

Chemical Family
Lactone.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Hazardous Material Information Review Act registry number (HMIRA registry #)</th>
<th>Date HMIRA filed and date exemption granted (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>gamma-butyrolactone</td>
<td>96-48-0</td>
<td>36</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1-Methyl-2-pyrrolidone</td>
<td>872-50-4</td>
<td>36</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>n-Propyl bromide</td>
<td>106-94-5</td>
<td>25</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Propane</td>
<td>68476-86-8</td>
<td>3</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First Aid Measures

General advice
If exposed or concerned: Get medical advice/attention.

Eye contact
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a doctor immediately. Apply ice pack.

Skin contact
Wash with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Call a physician if you feel unwell. Apply hand cream.

Inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Ingestion
Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects

Symptoms
Breathing vapors may result in headaches, nausea, and irritation to the lungs. Skin contact can lead to drying, defatting, itching, stinging and irritation. Eyes may have symptoms of redness, itching, irritation and watering from overexposure.

Indication of any immediate medical attention and special treatment needed

Note to doctors
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Dry chemical. Foam. Carbon dioxide (CO2).

Unsuitable extinguishing media
Water.

Specific hazards arising from the chemical
Chlorinated hydrocarbons form HCl and traces of phosgene upon pyrolysis. Aerosols may rupture violently at temperatures above 120 F. Aerosol flame projection test: 18" flame projection.

Explosion Data

Sensitivity to Mechanical Impact
None.

Sensitivity to Static Discharge
None.
Special protective equipment for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation.

Environmental precautions

See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment

Remove leaking container to outside disposal site. Remove all sources of ignition.

Methods for cleaning up

Pick up and transfer to properly labelled containers.

Prevention of secondary hazards

Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Use only in well-ventilated areas. Wash face, hands and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not spray near open flame. Pressurized container: Do not pierce or burn, even after use. Do not spray on painted surfaces: product will damage varnish and alkyd coatings. Do not spray on floors.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a cool, well-ventilated place. Store locked up. Protect from sunlight. Do not store at temperatures above 120°F.

Incompatible Materials

Water Free-radical generators

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Canada - Alberta - Occupational Exposure Limits - Ceilings</th>
<th>Canada - British Columbia - Occupational Exposure Limits - Ceilings</th>
<th>Canada - Ontario - Occupational Exposure Limits - Ceilings</th>
<th>Quebec</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Methyl-2-pyrrolidone 872-50-4</td>
<td>TWA: 400 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>n-Propyl bromide 106-94-5</td>
<td>TWA: 10 ppm TWA: 50 mg/m³ Adverse reproductive effect</td>
<td>TWA: 10 ppm</td>
<td>TWA: 10 ppm</td>
<td></td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering controls

Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas.
Individual protection measures, such as personal protective equipment

**Eye/face protection**
Proper eye care is needed in all industrial operations. Wear safety glasses with side shields (or goggles).

**Hand protection**
Wear protective Neoprene™ gloves.

**Skin and body protection**
No special protective equipment required.

**Respiratory protection**
No protection is ordinarily required under normal conditions of use and with adequate ventilation.

**General hygiene considerations**
Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Aerosol</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Pale straw colored liquid</td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td>Pale straw</td>
<td></td>
</tr>
<tr>
<td>Odour</td>
<td>Fishy</td>
<td></td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>&lt;-42.8 °C / &lt;-45 °F</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>39.4-204 °C / 103-399 °F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Slow, several hours</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>0 mmHg</td>
<td>@ 20 C</td>
</tr>
<tr>
<td>Vapour Density</td>
<td>&gt;1</td>
<td></td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.15</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Partially soluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td><strong>Other Information</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Softening Point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Molecular weight</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Bulk Density</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**Reactivity**
Not reactive under normal conditions.

**Chemical Stability**
Stable under normal conditions.

**Possibility of Hazardous Reactions**
None under normal processing.
Conditions to Avoid

Avoid temperatures above 120°F. Avoid direct sunlight.

Incompatible Materials

Water. Free-radical generators.

Hazardous Decomposition Products

Chlorinated hydrocarbons form HCl and traces of phosgene upon pyrolysis.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye contact

Causes serious eye irritation.

Skin contact

Causes skin irritation. May be harmful in contact with skin.

Inhalation

Harmful if inhaled.

Ingestion

May be harmful if swallowed.

Information on physical, chemical and toxicological effects

Symptoms

Breathing vapors may result in headaches, nausea, and irritation to the lungs. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. Exposed individuals may experience eye tearing, redness and discomfort.

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

| ATEmix (oral) | 2,530.00 |
| ATEmix (dermal) | 3,673.00 |
| ATEmix (inhalation-gas) | 1,944.00 |
| ATEmix (inhalation-dust/mist) | 8.10 |

Unknown acute toxicity

No information available

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ATEmix (oral) (mg/kg) (Rat)</th>
<th>ATEmix (dermal) (Rabbit)</th>
<th>Inhalation LC50 (Rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>gamma-butyrolactone</td>
<td>1540 mg/kg (Rat)</td>
<td>-</td>
<td>&gt; 5100 mg/m³ (Rat) 4 h</td>
</tr>
<tr>
<td>96-48-0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-Methyl-2-pyrrolidone</td>
<td>3914 mg/kg (Rat)</td>
<td>8 g/kg (Rabbit)</td>
<td>3.1 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>872-50-4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>n-Propyl bromide</td>
<td>3600 mg/kg (Rat)</td>
<td>-</td>
<td>253 g/m³ (Rat) 30 min</td>
</tr>
<tr>
<td>106-94-5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

Not classifiable as a human carcinogen.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>gamma-butyrolactone</td>
<td>-</td>
<td>Group 3</td>
<td></td>
<td>-</td>
</tr>
<tr>
<td>96-48-0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>n-Propyl bromide</td>
<td>A3</td>
<td>Reasonably Anticipated</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>106-94-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
10. ECOLOGICAL INFORMATION

Ecotoxicity
Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>gamma-butyrolactone</td>
<td>96-48-0</td>
<td>360: 72 h Desmodesmus subspicatus mg/L EC50 79: 96 h Desmodesmus subspicatus mg/L EC50</td>
<td>220 - 460: 96 h Leuciscus idus mg/L LC50 static</td>
<td>500: 48 h Daphnia magna Straus mg/L EC50</td>
</tr>
<tr>
<td>1-Methyl-2-pyrrolidone</td>
<td>872-50-4</td>
<td>500: 72 h Desmodesmus subspicatus mg/L EC50</td>
<td>832: 96 h Lepomis macrochirus mg/L LC50 static 4000: 96 h Leuciscus idus mg/L LC50 static 1400: 96 h Poecilia reticulata mg/L LC50 static 1072: 96 h Pimephales promelas mg/L LC50 static</td>
<td>4897: 48 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>n-Propyl bromide</td>
<td>106-94-5</td>
<td>-</td>
<td>67.3: 96 h Pimephales promelas mg/L LC50 flow-through</td>
<td>-</td>
</tr>
</tbody>
</table>

Persistence/Degradability
No information available.

Bioaccumulation
No information available.

Mobility

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition Coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>gamma-butyrolactone</td>
<td>-0.566</td>
</tr>
<tr>
<td>1-Methyl-2-pyrrolidone</td>
<td>-0.46</td>
</tr>
<tr>
<td>n-Propyl bromide</td>
<td>2.1</td>
</tr>
<tr>
<td>Propane</td>
<td>2.8</td>
</tr>
</tbody>
</table>

Other Adverse Effects
No information available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Waste from residues/unused products
Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging: Empty fully, including gas pressure. Do not puncture or incinerate cans. Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

Note: Based on package size, product may be eligible for limited quantity exception

TDG
- UN/ID No: UN1950
- Proper Shipping Name: Aerosols
- Hazard Class: 2.1

DOT
- UN/ID No: UN1950
- Hazard Class: 2.1

IATA
- UN/ID No: UN1950
- Proper Shipping Name: Aerosols, flammable

IMDG
- UN/ID No: UN1950
- Hazard Class: 2.1

15. REGULATORY INFORMATION

International Regulations

Ozone-depleting substances (ODS): Not applicable

Persistent Organic Pollutants: Not applicable

Export Notification requirements: Not applicable

International Inventories

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL/NDSL</th>
<th>EINECS/ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Methyl-2-pyrrolidone</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>gamma-butyrolactone</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>n-Propyl bromide</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Propane</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

Legend:

- TSCA: United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL: Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS: European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS: Japan Existing and New Chemical Substances
- IECSC: China Inventory of Existing Chemical Substances
- KECL: Korean Existing and Evaluated Chemical Substances
- PICCS: Philippines Inventory of Chemicals and Chemical Substances
- AICS: Australian Inventory of Chemical Substances
### 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>HMIS</strong></td>
<td><strong>Health Hazards</strong></td>
<td><strong>Flammability</strong></td>
<td><strong>Physical hazards</strong></td>
<td><strong>Personal Protection</strong></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

**Legend**

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

- **TWA**: TWA (time-weighted average)
- **STEL**: STEL (Short Term Exposure Limit)
- **Ceiling**: Maximum limit value
- *****: Skin designation

**Issue Date:** 06-Jul-2016

**Revision Date:** 15-Mar-2018

**Revision Note:** No information available.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet